

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	7	("20010045929" "20020044085" "20020047817" "20020140659" "5170155" "5818389" "6337628").PN.	US-PGPUB; USPAT	OR	ON	2010/05/25 14:38
L3	1	("20030016190").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:03
L4	1	("20060043371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:18
L5	16055	(345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:18
L6	11	((("6014119") or ("5684365") or ("5723950") or ("6191534") or ("6809710") or ("7002536") or ("6753834") or ("5170155") or ("6384804") or ("6777888") or ("6377234")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:18
L7	5	L5 AND ((step\$4 near ramp\$4 near (voltage wave\$5)) OR (ramp with ((pulse adj code adj modulat\$4) OR PCM)))	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L8	20	L5 AND ((step\$4 near2 ramp\$4 near2 (voltage wave\$5)) OR (ramp with ((pulse adj code adj modulat\$4) OR PCM)))	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L9	10	L5 AND (step\$4 near2 ramp\$4 near2 (signal))	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L10	1915	L5 AND (PWM (pulse adj width adj modulat\$4) (pulse adj density adj modulat\$4) PPM (pulse adj position adj modulat\$4))	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L11	916	L5 AND (PWM (pulse adj width adj modulat\$4) (pulse adj density adj modulat\$4) PPM (pulse adj position adj modulat\$4)) AND capacitor	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L12	253	L5 AND (PWM (pulse adj width adj modulat\$4) (pulse adj density adj modulat\$4) PPM (pulse adj position adj modulat\$4)) AND (ramp\$4 stepped)	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18

L13	717	L5 AND ((step\$4 ramp\$4) with capacitor)	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L14	60	L5 AND (((step\$4 ramp\$4) with capacitor) same (boost add\$3 sum \$3))	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L15	93	L5 AND (((step\$4 ramp\$4) with capacitor) same (boost add\$3 sum \$3 shift\$3))	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L16	150	L5 AND (transistor near2 linear)	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L17	5	((("6239780") or ("5977940") or ("6249269") or ("6329974") or ("6525709")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:18
L18	250	L5 AND (transistor near2 saturation) NOT (transistor near2 linear)	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L19	5	(("5952789" "6157356" "6229508" "6384804" "6486606").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 15:18
L20	3	((("20060022204") or ("20060066622") or ("20070262928")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:18
L21	16055	(345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:18
L22	23	L21 AND (step\$4 with (greater larger higher more) with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018")	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L23	3	L21 AND (stepped with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018")	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L24	10	("5812104").URPN.	USPAT	OR	ON	2010/05/25 15:18
L25	5	L21 AND (step\$4 near voltage same threshold) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018")	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18

L26	4	((("6229506") or ("20050156829") or ("7061452") or ("20030122745")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:18
L27	1	("5,302,966").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:18
L28	81	("5302966").URPN.	USPAT	OR	ON	2010/05/25 15:18
L29	73	L28 AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20020418")	USPAT	OR	ON	2010/05/25 15:18
L32	16055	(345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/25 15:18
L33	3	L32 AND (stepped with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018")	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L34	23	L32 AND (step\$4 with (greater larger higher more) with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018")	US-PGPUB; USPAT	OR	ON	2010/05/25 15:18
L35	10	("5812104").URPN.	USPAT	OR	ON	2010/05/25 15:18
L36	81	("5302966").URPN.	USPAT	OR	ON	2010/05/25 15:18
L37	73	L36 AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20020418")	USPAT	OR	ON	2010/05/25 15:18
S1	1	("20060043371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/06 12:29
S2	10871	(345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/06 13:16
S3	11	((("6014119") or ("5684365") or ("5723950") or ("6191534") or ("6809710") or ("7002536") or ("6753834") or ("5170155") or ("6384804") or ("6777888") or ("6377234")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/06 14:44

S4	5	S2 AND ((step\$4 near ramp\$4 near (voltage wave\$5)) OR (ramp with ((pulse adj code adj modulat\$4) OR PCM)))	US-PGPUB; USPAT	OR	ON	2008/02/06 15:01
S5	13	S2 AND ((step\$4 near2 ramp\$4 near2 (voltage wave\$5)) OR (ramp with ((pulse adj code adj modulat\$4) OR PCM)))	US-PGPUB; USPAT	OR	ON	2008/02/06 15:19
S6	10	S2 AND (step\$4 near2 ramp\$4 near2 (signal))	US-PGPUB; USPAT	OR	ON	2008/02/06 15:25
S7	1301	S2 AND (PWM (pulse adj width adj modulat\$4) (pulse adj density adj modulat\$4) PPM (pulse adj position adj modulat\$4))	US-PGPUB; USPAT	OR	ON	2008/02/06 15:28
S8	639	S2 AND (PWM (pulse adj width adj modulat\$4) (pulse adj density adj modulat\$4) PPM (pulse adj position adj modulat\$4)) AND capacitor	US-PGPUB; USPAT	OR	ON	2008/02/06 15:32
S9	180	S2 AND (PWM (pulse adj width adj modulat\$4) (pulse adj density adj modulat\$4) PPM (pulse adj position adj modulat\$4)) AND (ramp\$4 stepped)	US-PGPUB; USPAT	OR	ON	2008/02/06 16:43
S10	451	S2 AND ((step\$4 ramp\$4) with capacitor)	US-PGPUB; USPAT	OR	ON	2008/02/06 16:44
S11	42	S2 AND (((step\$4 ramp\$4) with capacitor) same (boost add\$3 sum \$3))	US-PGPUB; USPAT	OR	ON	2008/02/06 16:45
S12	64	S2 AND (((step\$4 ramp\$4) with capacitor) same (boost add\$3 sum \$3 shift\$3))	US-PGPUB; USPAT	OR	ON	2008/02/06 17:17
S13	89	S2 AND (transistor near2 linear)	US-PGPUB; USPAT	OR	ON	2008/02/06 18:42
S14	5	((("6239780") or ("5977940") or ("6249269") or ("6329974") or ("6525709")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/06 18:37
S15	154	S2 AND (transistor near2 saturation) NOT (transistor near2 linear)	US-PGPUB; USPAT	OR	ON	2008/02/06 18:43
S16	5	((("5952789" "6157356" "6229508" "6384804" "6486606")).PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/07 13:54
S17	3	((("20060022204") or ("20060066622") or ("20070262928")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/11 13:50

S18	11993	(345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 11:04
S19	23	S18 AND (step\$4 with (greater larger higher more) with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018")	US-PGPUB; USPAT	OR	ON	2008/08/12 11:04
S20	3	S18 AND (stepped with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018")	US-PGPUB; USPAT	OR	ON	2008/08/12 11:11
S21	10	("5812104").URPN.	USPAT	OR	ON	2008/08/12 11:13
S22	4	S18 AND (step\$4 near voltage same threshold) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018")	US-PGPUB; USPAT	OR	ON	2008/08/12 11:18
S23	4	((("6229506") or ("20050156829") or ("7061452") or ("20030122745")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/12 14:50
S24	1	("5,302,966").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/21 18:59
S25	75	("5302966").URPN.	USPAT	OR	ON	2009/07/21 19:07
S26	70	S25 AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20020418")	USPAT	OR	ON	2009/07/21 19:09
S29	15061	(345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/16 23:04
S30	3	S29 AND (stepped with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018")	US-PGPUB; USPAT	OR	ON	2010/01/16 23:04

S31	23	S29 AND (step\$4 with (greater larger higher more) with threshold with voltage) AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20021018")	US-PGPUB; USPAT	OR	ON	2010/01/16 23:05
S32	10	("5812104").URPN.	USPAT	OR	ON	2010/01/16 23:06
S33	79	("5302966").URPN.	USPAT	OR	ON	2010/01/16 23:07
S34	72	S33 AND (@pd<"20021018" OR @ad<"20021018" OR @rlad<"20021018" OR @prad<"20020418")	USPAT	OR	ON	2010/01/16 23:07

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L30	16165	(345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/05/25 15:18
L31	18	L30 AND ((stepped discrete) near voltage).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/25 15:18
L38	16165	(345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/05/25 15:18
L39	13	L38 AND ((stepped discrete) near waveform).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/25 15:18
L40	30	L38 AND (active adj region).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/25 15:18
L41	43	L38 AND (linear adj region with transist\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/25 15:18
S27	15555	(345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/01/16 12:51
S28	18	S27 AND ((stepped discrete) near voltage).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/16 12:52

S35	15555	(345/76,77,80,82,83,204-206,690-693,208,210-213).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/01/16 22:32
S36	13	S35 AND ((stepped discrete) near waveform).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/16 22:32
S37	30	S35 AND (active adj region).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/16 22:40
S38	43	S35 AND (linear adj region with transist\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/01/16 22:45

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